

Notice of Allowability	Application N .	Applicant(s)
	09/867,893	THUERINGER ET AL.
	Examiner	Art Unit
	Nitin C. Patel	2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to amendment filed on 7 December 2004.
2. The allowed claim(s) is/are 1-13.
3. The drawings filed on 30 May 2001 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 5/30/01
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date 12/14/04.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

1. This is in responsive to amendment filed after final filed on 7 December 2004.
2. Claims 1 – 13 are allowed.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
4. Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert McDermott [reg. # 41,508] on December 14, 2004.
5. The application has been amended for correcting wrong dependency for claims 7 – 9 as follows:

6. In the claim 7 line 1, please change “7” to read ---6---.
7. In the claim 8 line 1, please change “7” to read ---6---.
8. In the claim 9 line 1, please change “7” to read ---6---.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The independent claim 1 is allowable in view of applicant's arguments for the claimed consumption time interval to a measured processing time interval from a turn-on instant until an interruption instant as specifically claimed over the prior art of record and none of the references, either alone or in combination, discloses or renders obvious for time measurement means which are adapted to measure a processing time interval defined as the time interval from the turn-on

instant until the interruption instant, and voltage supply means that are adapted to adapt a consumption time interval to the measured processing time interval.

The independent claim 6, is allowable in view of applicant's arguments for a controller that is configured to decouple a capacitor from a power source at a first time, interrupt a processor at a second time, and discharge the capacitor at a third time, wherein the third time is dependent upon an interval between the second and third times of a prior sequence of interrupting the processor and discharging the capacitor over the prior art of record and none of the references, either alone or in combination, discloses or renders obvious for a third time at which capacitor is discharged based on an interval between the second and third times of a prior sequence of interrupting the processor and discharging the capacitor.

The independent claim 10, is allowable in view of applicant's arguments for Similarly, claim 10, upon which claims 11-13 depend, claims a method of masking power consumption of a processor comprising decoupling an internal power source from an external power source at a first time, interrupting the processor at a second time, reducing the voltage on the internal power source at a third time, and modifying the third time for a subsequent repetition of the method based on an interval between the second time and the third time over the prior art of record and none of the references, either alone or in combination, discloses or renders obvious for modifying a third time at which the voltage on the internal power source is reduced for a subsequent repetition of the method based on an interval between the second time and third time.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

Art Unit: 2116

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin C. Patel whose telephone number is 571-272-3675. The examiner can normally be reached on 7:00am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on 571-272-3670. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nitin C. Patel
December 14, 2004


LYNNE H. BROWNE
SUPervisory Patent Examiner
Technology Center 3600

2106